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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/020,143	12/13/2001	Andrew C. Alduino	42390.P11010	6618
7590	05/10/2005			EXAMINER HUGHES, DEANDRA M
Charles K. Young BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP Seventh Floor 12400 Wilshire Boulevard Los Angeles, CA 90025-1026			ART UNIT 3663	PAPER NUMBER
DATE MAILED: 05/10/2005				

Please find below and/or attached an Office communication concerning this application or proceeding.

**Advisory Action
Before the Filing of an Appeal Brief**

Application No.	Applicant(s)	
10/020,143	ALDUINO ET AL.	
Examiner	Art Unit	
Deandra M Hughes	3663	

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 19 April 2005 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE.

1. The reply was filed after a final rejection, but prior to filing a Notice of Appeal. To avoid abandonment of this application, applicant must timely file one of the following replies: (1) an amendment, affidavit, or other evidence, which places the application in condition for allowance; (2) a Notice of Appeal (with appeal fee) in compliance with 37 CFR 41.31; or (3) a Request for Continued Examination (RCE) in compliance with 37 CFR 1.114. The reply must be filed within one of the following time periods:
 - a) The period for reply expires 3 months from the mailing date of the final rejection.
 - b) The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.
Examiner Note: If box 1 is checked, check either box (a) or (b). ONLY CHECK BOX (b) WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

NOTICE OF APPEAL

2. The reply was filed after the date of filing a Notice of Appeal, but prior to the date of filing an appeal brief. The Notice of Appeal was filed on _____. A brief in compliance with 37 CFR 41.37 must be filed within two months of the date of filing the Notice of Appeal (37 CFR 41.37(a)), or any extension thereof (37 CFR 41.37(e)), to avoid dismissal of the appeal. Since a Notice of Appeal has been filed, any reply must be filed within the time period set forth in 37 CFR 41.37(a).

AMENDMENTS

3. The proposed amendment(s) filed after a final rejection, but prior to the date of filing a brief, will not be entered because
 - (a) They raise new issues that would require further consideration and/or search (see NOTE below);
 - (b) They raise the issue of new matter (see NOTE below);
 - (c) They are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
 - (d) They present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: _____. (See 37 CFR 1.116 and 41.33(a)).

4. The amendments are not in compliance with 37 CFR 1.121. See attached Notice of Non-Compliant Amendment (PTOL-324).
5. Applicant's reply has overcome the following rejection(s): _____.
6. Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
7. For purposes of appeal, the proposed amendment(s): a) will not be entered, or b) will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.

The status of the claim(s) is (or will be) as follows:

Claim(s) allowed: _____.

Claim(s) objected to: _____.

Claim(s) rejected: _____.

Claim(s) withdrawn from consideration: _____.

AFFIDAVIT OR OTHER EVIDENCE

8. The affidavit or other evidence filed after a final action, but before or on the date of filing a Notice of Appeal will not be entered because applicant failed to provide a showing of good and sufficient reasons why the affidavit or other evidence is necessary and was not earlier presented. See 37 CFR 1.116(e).
9. The affidavit or other evidence filed after the date of filing a Notice of Appeal, but prior to the date of filing a brief, will not be entered because the affidavit or other evidence failed to overcome all rejections under appeal and/or appellant fails to provide a showing of good and sufficient reasons why it is necessary and was not earlier presented. See 37 CFR 41.33(d)(1).
10. The affidavit or other evidence is entered. An explanation of the status of the claims after entry is below or attached.

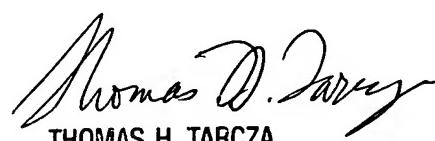
REQUEST FOR RECONSIDERATION/OTHER

11. The request for reconsideration has been considered but does NOT place the application in condition for allowance because:
See Continuation Sheet.
12. Note the attached Information Disclosure Statement(s). (PTO/SB/08 or PTO-1449) Paper No(s). _____
13. Other: _____.


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Continuation of 11. does NOT place the application in condition for allowance because: Applicant argues the following: (A) Kasamatsu does not disclose emisison of lighting in a direction SUBSTANTILLY TRANSVERSE to a direction of propagation of the optical signal through the waveguide (pg. 6, lines 9-12). (B) The exciting ray, 17, of Kasamatsu crosses the single mode wavguide due to reflection (pg. 6, lines 12-13). (C) The exciting rays of Kasamatsu are clearly illustrated as co-propagating in figures 5-7 (pg. 6, lines 17-19).

Argument (A) is found not convincing because Kasamatsu discloses in col. 3, line 35 (as was noted in the Final rejection dated 1/14/05) that the exciting light propagates in both a width direction and a thickness direction. The Examiner considers the width direction to be the transverse direction. Argument (B) is found not convincing because ALL light propagate in waveguides by reflecting off of the core/cladding interface. Otherwise the wave will cease to be guided, i.e., the light will escape. Merely noting that the exciting ray is guided in the fiber via reflection does not show how Kasamatsu teaches away from the claimed invention. Further, the embodiment shown in figure 4 clearly outlines an exciting ray, #115, which is emitted from a laser diode, entering the TAPERED waveguide (see Kasamatsu, col. 3, line 51). Argument (C) is found not convincing because the waveguides #21 in figure 5 are clearly abutted to the single mode waveguide at an angle..



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SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 3600



BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP (303) 740-1980
Title: Optical Amplifier with Transverse Pump
Inventors: December 13, 2001
Application No.: 10/020,143
Sheet: 1 of 3 Attorney Docket No: 42P11010

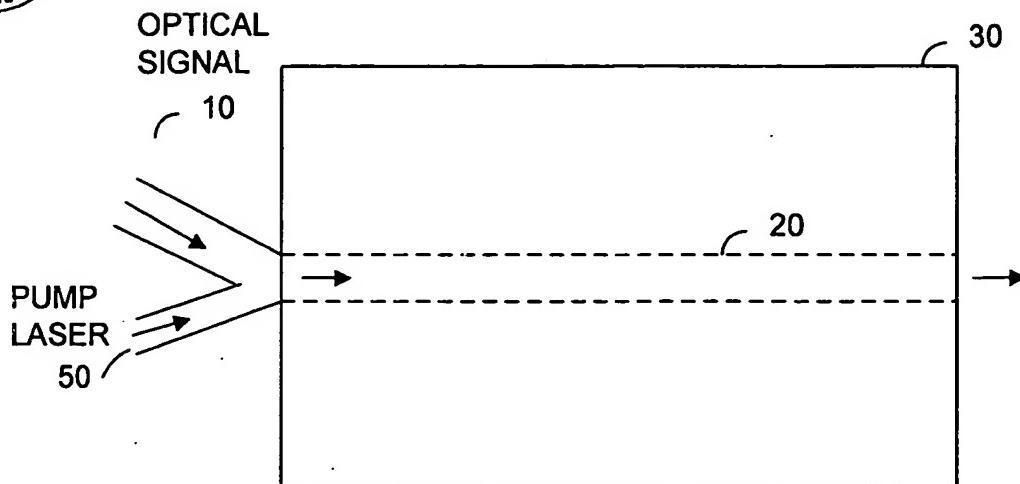


FIG. 1 (PRIOR ART)

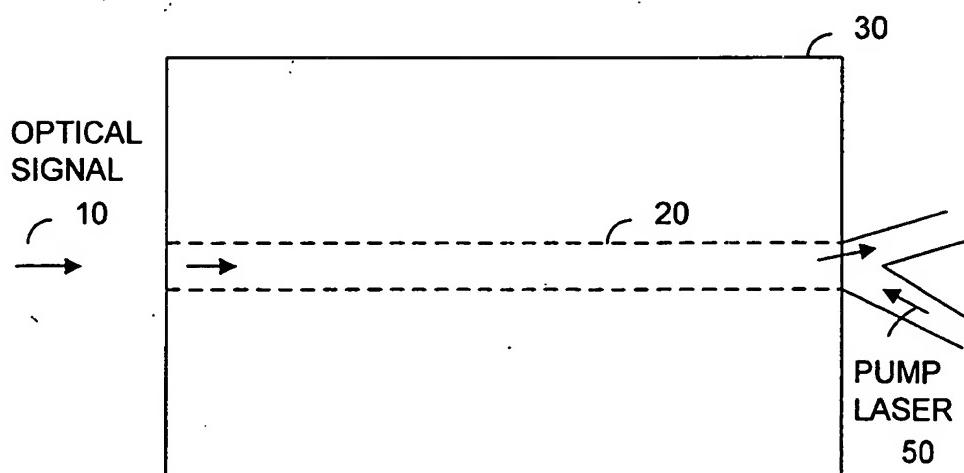


FIG. 2 (PRIOR ART)

ok to enter
start